PURAB SHAH

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Education

K. J. Somaiya College of Engineering, University of Mumbai, Mumbai, Maharashtra   **Jun. 2014**
Graduated as a Bachelor of Engineering in Information Technology

Professional Experience

Airpay Payment Services Pvt. Ltd. , Mumbai   **Jan. 2018 – Present**
Team Lead UI/UX

- Designed & Developed the core product of the company i.e. Payment Page.
- Optimized the load time of the page by 50% thus reducing the bounce rate of the user by making the flow seamless.
- Evaluated code to ensure its validity, structure, compatibility with browsers, devices and operating systems and whether it meets industry standards.
- Developed Website Maps, Application Models, Image templates that meet project goals, user needs and industry standards.
- Key role in the selection of Programming Languages, Design Tools, and Applications for the product.
- Research, Document, Rate, and select alternatives for Web Architecture.
- Update Knowledge and skills to keep up with rapid advancements in web technology.
- Learned React and took knowledge sharing sessions with team on the same.
- Implemented several microservices using Node.js.
- Architect and Developing the School-pay portal in React and Node.js.

Paper Plane Design Solutions Private Limited, Mumbai   **Dec. 2016 – Dec. 2017**
Javascript Developer

ASSOS Webstore:
- Implemented the e-commerce portal using Suite Commerce Advance tool.
- Designed & programmed wrappers for the frontend architecture, which is implemented on Backbone.js framework.
- Designed and programmed database code structure and records for specific functionalities.
- Programmed Suitescript files and services that acted as the mediator between the Database records and frontend.
- Implemented Google Maps API for store locator functionality.
- Programmed unique add to cart, customized sliders and many more functionalities across site.
- Coded shipping methods and estimated delivery date functionality in backend as well as frontend.
- Analyzed, researched and gained a deep understanding of the complete architecture of SCA.
- Trained the complete team on GIT and GIT Flow process and implemented it in project.
- Took multiple JavaScript learning sessions for the employees.
- Conducted a session for MVC architecture and workflow of a complete website for all employees.

Lalit, Cisco Cloud lock:
- Implemented random animations of logos feature.
- Acted as JS support for the teams to implement certain features.

Zeus Learning, Mumbai   **Jun. 2014 – Nov. 2016**
Web Developer

Interactives, Math Techbook, Discovery Education:
- Programmed E- learning Interactives that were useful to teach Math concepts.
- Implemented MVC framework using Backbone.js.
- Researched on libraries like Paper.js, Underscore.js and Handlebars.js and YUI-for creating a flow chart of the code.

Interactives, Pearson:
- Created chemistry E-learning Interactives.
- Learned Jasmine Unit Testing which helps to create a skeleton of the code. It's like Black Box testing.
- Implemented API for the pilot project) that can be used throughout.
- Programmed Template compilers for ease of use.

Imagine Learning, Six Red Marbles:
- Researched on different libraries, analyzed them to decide upon which to use based on their pros and cons.
- Explored and put into effect new libraries like Createjs, Recorderjs.js, Sound.js, Stylus.js, and Turn.js.
- Implemented Sound Manager and Common Player to load sound and Interactives.

- Coded generalized tools so it can be used in different Interactives.

Tools, Math Techbook, Discovery Education:
- Enhanced tools such as calculator, Graph Maker and many more.
- Analyzed equation Parser and its working.
- Augmented my skills of Unit Testing.

Technical Enhanced Interactives (TEI), Mastery Education:
- Implemented MVC framework using Backbone.js
- Developed various question templates like Yes-no, Multiple Choice, Fill-In; which allowed authors to customize their questions.
- Researched and implemented Typescript, Typedoc.js, CKEditor and created few plugins for it
- Researched on libraries like Underscore.js, Stylus.js and Handlebars.js.
- Used YUI-for creating a flow chart of the code.
- Programmed API so everyone can use them across different TEI's.
- Explored and put into effect new libraries like Require.js and Pixi.js.

Projects

Bluetooth Toy Car controlled by Android Equipment:
- Build a wireless remote control car for security purpose.
- Designed in such a way that it allows live video streaming through the camera attached on top of the car.

Placement Cell Website Development:
- Designed and developed website for ease of Professors and Students during placements.
- Implemented feature for students to get information and updates about new companies, events and seminars.
- Created module for professors to see student's academic record and filter according to company's requirement.

Brick-breaker Game:
- Developed the Brick breaker game as a web application.
- Programmed using JQuery and libraries like Paper.js.

Software Skills

- **Programming Languages:** JavaScript, Node.js, TypeScript, HTML5 and CSS3.
- **Libraries:** React, Paperjs, Handlebars, SCSS and Requirejs
- **Frameworks:** JQuery, Backbone and Express
- **ERP System:** NetSuite
- **API's:** Google Analytics, Google Maps, Google Clustering, SuiteScript and CKeditor
- **Task Runner:** Gulp and Grunt.
- **Tools:** Git, Git Extensions, Jira, Bugzilla, Asana, Trello, Redmine and Bitbucket.
- **IDE:** Sublime, Aptana Studio, Visual Express and Visual coke studio.

Part-Time Work

- Architect, Designed & Developing an online portal for Safari Booking in React & Node.js.
- Code optimisation and team management for Studysid.
- Acting as a mentor and hosting lectures on Front-end technologies for a couple of students.
- Implemented a basic news search section in React along with Routing.
- Portfolio website creation for DevOps Services.
- Created modules and helped in UI for the website http://thesafarist.in/
- Created informative website for Utopia group - http://www.utopiaeventsllp.com/